

WHAT IS CLAIMED IS:

1. An immunocompetent post-natal animal of a first species having had administered thereto mesenchymal stem cells from an animal of a second species.

2. The animal of Claim 1 wherein said animal of said first species is a mouse.

3. The animal of Claim 1 wherein said animal of said first species is a dog.

4. The animal of Claim 1 wherein said animal of said second species is a primate.

5. The animal of Claim 4 wherein said primate is a human.

6. The animal of Claim 4 wherein said primate is a baboon.

7. The animal of Claim 1 wherein said mesenchymal stem cells include at least one exogenous polynucleotide encoding an agent of interest.

8. A method of making a xeno-hybrid animal, comprising administering to an immunocompetent post-natal animal of a first species mesenchymal stem cells from an animal of a second species.

9. The method of Claim 8 wherein said mesenchymal stem cells include at least one exogenous polynucleotide encoding an agent of interest.

10. A method comprising isolating an agent of interest produced by the method of Claim 9.

11. A method of testing a drug comprising administering said drug to the animal of Claim 1.